

JAN 22 2013

U.S. EPA REGION 10  
OFFICE OF COMPLIANCE AND ENFORCEMENT**ANNUAL REPORT OF OPERATIONS FOR YEAR 2012****Idaho Aquaculture Permit**

<b>I. Facility Name:</b> Mackay State Fish Hatchery		<b>NPDES #</b> IDG 130030	
<b>Operator Name (Permittee):</b> Idaho Department of Fish and Game		<b>Phone:</b> 208-588-2219	
<b>Address:</b> 4848 N. 5600 W., Mackay, Idaho 83251		<b>Fax:</b> 208-588-2408	
		<b>E-Mail:</b> mick.hoover@idfg.idaho.gov	
<b>Owner Name (if different from operator):</b> N/A		<b>Phone:</b> N/A	
<b>II. Annual Production:</b>		Harvestable weight produced in the year 65,458 pounds	
<b>III. Food Used:</b>		Number of pounds of food fed to the fish during the maximum month: April 2012: 8,356 pounds	
<b>IV. Noncompliance Summary:</b>			
A Big Lost River TMDL Addendum was submitted Aug. 2011 to USEPA by IDEQ (Troy Saffle, Regional Water Quality Mgr., 900 N. Skyline, Suite B, Idaho Falls Idaho 83402) suggesting the removal or change of the WLA for temperature at the IDFG Mackay Fish Hatchery. Parameters outlined in the WLA for temperature cannot be met by the inherent nature of the spring water source contained within the hatchery property. This continual noncompliance was also addressed Oct. 5 <sup>th</sup> , 2012 with William Teuscher, IDEQ inspector as contracted by USEPA during a routine inspection.			
<b>V. Best Management Practices (BMP) Plan</b>			
BMP Plan has been reviewed this year.		X Yes	No
BMP Plan fulfills the requirements set forth in the permit:		X Yes	No
Summarize changes in the BMP Plan since last annual report:			
<b>VI. Land application of solids and/or irrigation with wastewater</b>			
Attach Maps of Application Sites. (Note: IDAPA 58.01.02.650 requires IDEQ approval for solids disposal on land.) There was no land application of biosolids in 2012			
<b>Date</b>	<b>Location and Acreage of Application</b>	<b>Solids Applied in Cubic Yards or Pounds</b>	<b>Wastewater Applied in Gallons</b>
N/A	N/A	N/A	N/A
<b>Yearly Total</b>		N/A	N/A

10.15 2/16/13



**VII. Offline Settling Basin Discharge Frequency (generally)**

\_\_\_0\_\_\_ #hours/day \_\_\_0\_\_\_ #days/wk \_\_\_0\_\_\_ #months/year or Other

**VIII. Chemical Usage (including pesticides and drugs)**

Chemical	Date or # days used	Maximum concentration in effluent (actual or estimated)
Formalin with	61 days	7.58 ppm (est.)
Aquashade	61 days	0.00075 ppm (est.)
Aquaflor	10 days per treatment (3)	0.00 ppm (no discharge)
Biodet ND64	28 days	0.00 ppm (no discharge)
Argentyne	28 days	0.0367 ppm

**IX. Fish Importation, Transport, and Release Permits**

Number of permits issued by Idaho Department of Fish and Game during the year: 3  
For which species? **Fall Chinook, Cutthroat, Rainbow**


**X. Inspections and Repairs for production and wastewater treatment systems**

Date Inspected	Date Repaired	Description of system inspected and/or repaired
<b>October 5, 2012</b>	<b>N/A</b>	<b>General hatchery inspection</b>

**XI. Signature & Certification**

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Signature:



Title/Company:

IDFG Assistant Hatchery Manager

Print Name: **Robert Hoover**Date: **January 17, 2012**



<b>ANNUAL REPORT OF OPERATIONS FOR YEAR 2011</b> <b>Idaho Aquaculture Permit</b>			
<b>I. Facility Name:</b> <b>Mackay State Fish Hatchery</b>		<b>NPDES #</b> <b>IDG 130030</b>	
<b>Operator Name (Permittee):</b> <b>Idaho Department of Fish and Game</b>		<b>Phone:</b> <b>208-588-2219</b>	
<b>Address:</b> <b>4848 N. 5600 W., Mackay, Idaho 83251</b>		<b>Fax:</b> <b>208-588-2408</b>	
		<b>E-Mail:</b> <b>mick.hoover@idfg.idaho.gov</b>	
<b>Owner Name (if different from operator):</b> <b>N/A</b>		<b>Phone:</b> <b>N/A</b>	
<b>II. Annual Production:</b>		<i>Harvestable weight produced in the year:</i> <b>72,399</b> pounds	
<b>III. Food Used:</b>		<i>Number of pounds of food fed to the fish during the maximum month:</i> <b>April 2011: 11,302</b> pounds	
<b>IV. Noncompliance Summary:</b>			
<p><b>A Big Lost River TMDL Addendum was submitted (Aug. 2011) to USEPA by IDEQ suggesting the removal or change of the WLA for temperature at the IDFG Mackay Fish Hatchery, however after review, more clarification and data is required. We will continue to monitor the hatchery's spring temperatures by using remote temperature-recording devices and provide any necessary data to IDEQ for subsequent addendum(s), public review process, and re-submittal. <u>IDEQ contact:</u> Troy Saffle, Regional Water Quality Mgr., 900 N., Skyline, Suite B., Idaho Falls, Idaho 83402 Phone; 208-528-2650</b></p>			
<b>V. Best Management Practices (BMP) Plan</b>			
<p>BMP Plan has been reviewed this year. <span style="float: right;"><b>X</b> Yes      No</span></p> <p>BMP Plan fulfills the requirements set forth in the permit: <span style="float: right;"><b>X</b> Yes      No</span></p> <p>Summarize changes in the BMP Plan since last annual report: <b>None</b></p>			
<b>VI. Land application of solids and/or irrigation with wastewater</b>			
<p><i>Attach Maps of Application Sites. (Note: IDAPA 58.01.02.650 requires IDEQ approval for solids disposal on land.)</i> <b>There was no land application of biosolids in 2011</b></p>			
Date	Location and Acreage of Application	Solids Applied in Cubic Yards or Pounds	Wastewater Applied in Gallons
N/A	N/A	N/A	N/A
<b>Yearly Total</b>		N/A	N/A

10152/23/11/11





VII. Offline Settling Basin Discharge Frequency (generally)  
\_0\_ #hours/day \_0\_ #days/wk \_0\_ #months/year or Other

VIII. Chemical Usage (including pesticides and drugs)

Chemical	Date or # days used	Maximum concentration in effluent (actual or estimated)
Formalin with	49 days	7.5815 ppm (est.)
Aquashade	49 days	0.00075 ppm (est.)
Aquaflor	10 days	0.0000 ppm (no discharge)
Biodet ND64	20 days	0.0000 ppm (no discharge)
Argentyne	20 days	0.0367 ppm (est.)

IX. Fish Importation, Transport, and Release Permits

Number of permits issued by Idaho Department of Fish and Game during the year: 1  
For which species? Rainbow trout

X. Inspections and Repairs for production and wastewater treatment systems: General daily inspections are made as part of the routine facility cleaning. There were no repairs as a result of these inspections.

Date Inspected	Date Repaired	Description of system inspected and/or repaired
N/A	N/A	N/A

XI. Signature & Certification

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Signature: <u>Robert Hoover</u>	Title/Company: <u>IDFG Asst. Hatchery Mgr.</u>
Print Name: <u>Robert Hoover</u>	Date: <u>January 11 , 2012</u>